SET-UP SHEET

SET-UP VER.01 ©XRAY

XRAY XB8E'24 PIVOT BALL

RACE	RC Pro San Angelo		
TRACK	STR Raceway		
NAME	Garrett Martin	DATE	8/17/2024

TEMPERATURE AIR	TEMPERATURE TRACK
100	85

LAPS	FINAL POSITION	BEST LAPTIME /sec	RACE LENGTH /min

TRACKS

SIZE	☐ OPEN	☐ MEDIUM	☒ TIGHT
TRACTION	☒ LOW	☐ MEDIUM	☐ HIGH
SURFACE	☐ SMOOTH	☐ MEDIUM	☒ BUMPY
TYPE	☐ HARD PACKED	☒ SOFT DIRT	☐ CLAY
	☐ BLUE GROVE	☐ ASTRO TURF	☐ GRASS
CONDITION	☐ DRY	☒ DUSTY	☐ WET ☐ MUD

DIFFERENTIAL

	FRONT	CENTER	REAR	
CASE MATERIAL	graphite	graphite	graphite	CASE MATERIAL
OIL	5000	5000	3000	OIL
CROWN GEAR	13/46		13/46	CROWN GEAR

GEARING

MOTOR PINION		SPUR GEAR
15 /T	47 /T	

SHOCKS

FRONT		REAR
emulsion	TYPE	emulsion
4 dot	SPRINGS	3 dot
o-ring	MEMBRANE	o-ring
550 /cSt	OIL	500 /cSt
☐ 6 HOLES ☐ 8 HOLES ☐ 10 HOLES	PISTONS	☐ 6 HOLES ☐ 8 HOLES ☐ 10 HOLES
☐ 1.1 mm ☐ 1.2 mm ☐ 1.3 mm ☐ 1.4 mm		☐ 1.1 mm ☐ 1.2 mm ☐ 1.3 mm ☐ 1.4 mm
5x1.5 1x1.0	OTHER	4x1.5 1x1.9

VALVE PISTONS

5+2 HOLES	1.5 mm	5+2 HOLES
6+2 HOLES	1.3 mm 1.4 mm	6+2 HOLES
8+2 HOLES	1.2 mm 1.3 mm	8+2 HOLES

ANTI-ROLL BAR

FRONT	THICKNESS	REAR
2.2 /mm		2.4 /mm

TIRES

FRONT		REAR
TZO 202	BRAND	TZO 202
US/SS	COMPOUND	US/SS
TZO	INSERTS	TZO
TZO	WHEELS	TZO

ELECTRONICS

MOTOR	HW 2400kv
SPEEDO	HW G3
BATTERY TYPE	Gens Ace 5800mah

☒ STANDARD BATTERY ☐ STANDARD BATTERY — FRONT

☐ SHORT BATTERY ☐ SHORT BATTERY — REAR

BODY	OTHER	TOTAL WEIGHT
☐ EAZY ☒ EAZY LIGHT		/g

FRONT / REAR

STEERING BLOCK: ☐ MEDIUM ☐ HARD ☒ GRAPHITE

UPPER ARM SHIM /mm: ☐ 0 ☒ 1 ☐ 1.5 ☐ 2

FRONT SHOCK TOWERS: ☒ ALU ☐ CARBON — REAR: ☐ CARBON ☒ ALU

UPPER ARM WING: ☐ NONE ☒ LEXAN ☐ CARBON

ANTI-ROLL BAR: 1 2

UPRIGHT: ☐ MEDIUM ☐ HARD ☐ GRAPHITE ☒ ALU

PIVOT BALLS: UP ☐ STEEL ☒ ALU — DOWN ☐ STEEL ☒ ALU

UPPER SHOCK POSITION

☒ FLAT ☐ LSM

☐ M ☐ H ☐ XH ☒ G

STD. ☒ 1 2 3

2 DOTS ☐

OFFSET: 0 ☒ +1 ☐ +2 ☐

PIVOT NUT: ☒ ALU ☐ BRASS

FRONT LOWER SHOCK POSITION 2 1

REAR ROLL CENTER 3 2 1 4 5 6

UPRIGHT ROLL CENTER 1 2 3

UPRIGHT LOWER ROLL CENTER 3 2 1

OFFSET: 0 ☐ +1 ☒ +2 ☐

FRONT DROOP: 27 — MEASURE UNDER WHEEL AXLE — #107717 GAUGE

LOWER ARM SHIM: ☒ 0 ☐ 1mm ☐ 2mm

#107703 SUPPORT BLOCKS

#107717 GAUGE — REAR DROOP: 20 — MEASURE UNDER WHEEL AXLE

FRONT / REAR

FRONT: 1° ☒ 0.5°

UPPER ROLL CENTER

1° ☒ 0.5°

INCREASE DONFORCE: YES ☐ WICKERBILL PLATE ☐ NO

REAR WING: ☐ COMPOSITE ☐ LEXAN — OTHER: JC Razor — ☒ FRONT ☐ MIDDLE ☐ REAR

Ø CUT OUT HOLES — REDUCE DONFORCE

CASTER SHIM: ☒ 0 ☐ 1.0 ☐ 1.0 ☐ 2.0 — UPPER ARM POSITION

GRAPHITE BRACE: ☒ WITHOUT ☐ 1-PIECE ☐ 2-PIECES

WING HOLDER: ☒ FRONT ☐ REAR

STEERING BLOCK — CENTER — TRAILING — FF FR RF RR

BUMP STEER SHIM: STEERING PLATE 2 /mm — STEERING BLOCK 0 /mm — SHIMS PLACE ALWAYS UNDER

WHEELBASE SHIM POSITION: ☐ 0mm ☒ 2mm ☐ 4mm — SHIMS BEHIND FRONT ARM

WHEELBASE SHIM POSITION: ☐ 0mm ☒ 2mm ☐ 4mm — SHIMS IN FRONT OF REAR ARM

FF 1° ☒ 0.5°

FR 1° ☒ 0.5°

RF 1° ☒ 0.5°

RR 1° ☒ 0.5°

FRONT LOWER ROLL CENTER REAR

ECCENTRIC BUSHINGS

FRONT / REAR

27.50 FRONT TOE OUT

STEERING PLATE: 1 DOTS ☐ ☒ 2 DOTS

CHASSIS: ☒ KIT ☐ LONG +4mm

WHEELBASE: 0mm ☐ 1mm ☐ 2mm ☐ 3mm ☒ 4mm ☐ — SHIMS IN FRONT OF UPRIGHT

3 REAR TOE IN

#355215 ADJ. DRIVE AXLE

SERVO SAVER: ☒ TIGHT ☐ MEDIUM ☐ SOFT

SIDE GUARD: ☐ SOFT ☒ MEDIUM ☐ CARBON

GRAPHITE BRACE: ☐ YES ☒ NO

FRONT DRIVE SHAFT: ☐ CVD ☒ UNIVERSAL — LENGTH 91 /mm

ACKERMANN POSITION 4 3 2 1

REAR DRIVE SHAFT: ☐ CVD ☒ UNIVERSAL — LENGTH 91 /mm

FRONT ☐ BULKHEADS ☐ REAR

TOP DECK: ☒ COMPOSITE ☐ CARBON

DRIVE SHAFT: ☐ CVD ☐ DOGBONE

DRIVE SHAFT: ☒ CVD ☐ DOGBONE

FRONT / REAR

FRONT CAMBER

/mm FULL TRAVEL SHOCKS LENGTH /mm

REAR CAMBER 27.50

LENGTH mm

LENGTH /mm

UPPER ARM: ☐ SOFT ☐ MEDIUM ☒ GRAPHITE

FRONT DIFF HEIGHT

REAR DIFF HEIGHT

LOWER ARM: ☐ SOFT ☐ MEDIUM ☒ GRAPHITE

RIDE HEIGHT 22 /mm

#107717 RIDE HEIGHT GAUGE

28 /mm RIDE HEIGHT